

**ABSTRACT**

5 The present invention relates to a method for congestion  
control when setting up calls in a cellular CDMA-based  
communication system. A call setup request from a user  
equipment in a congested cell is prohibited by means of  
broadcasted call admission messages. However, the call  
admission information indicates permitted and/or restricted  
10 accesses for carrier frequencies and/or neighboured cells.  
Neighboured cells using the same carrier frequency as the  
congested cell are marked with a restricted access flag.  
Therefore, the user equipments in the congested cell will  
request for a call setup only in one of those neighbour  
15 cells without access restrictions. By this means, the user  
equipments will not contribute to the interference level in  
the congested cell.

Figure for publication: Figure 4